IN THE CLAIMS:

Amend claims 3, 4, 7, 9-11, 14, 17-18, 21, 25 and 28 as follows:

1.(Original) A device for producing electrical discharges in an aqueous medium, said device comprising:

a first electrode and a second electrode, each of said electrodes comprised of a superalloy having a cobalt content of greater than 8% by weight; said device producing a voltage discharge into the medium when a high electrical voltage is applied to said electrodes, the voltage discharge creating a pressure wave in the medium.

2.(Original) The device according to claim 1 wherein said superalloy has a cobalt and a nickel content of greater than 12% by weight.

3.(Currently Amended) The device according to claims 1 ~~or 2~~ wherein said superalloy has a tungsten content of 0.1-15% by weight.

4.(Currently Amended) The device according to claims 1, ~~2 or 3~~ wherein said superalloy has a titanium content of 0.1-5% by weight.

5.(Original) A device for producing electrical discharges in an aqueous medium, said device comprising: a first electrode and a second electrode, each of said electrodes comprised of a superalloy having a nickel content of greater than 8% by weight, said device producing a voltage

discharge into the medium when a high electrical voltage is applied to said electrodes, the voltage discharge creating a pressure wave in the medium.

6.(Original) The device according to claim 5 wherein said superalloy has a tungsten content of 0.1-15% by weight.

7.(Currently Amended) The device according to claims 5 ~~or 6~~ wherein said superalloy has a titanium content of 0.1-5% by weight.

8.(Original) A device for producing electrical discharges in an aqueous medium, said device comprising: a first electrode and a second electrode, each of said electrodes comprised of a thermal-worked steel having a vanadium content of greater than 0.05% by weight and a chromium content of greater than 1% by weight, said device producing a voltage discharge into the medium when a high electrical voltage is applied to said electrodes, the voltage discharge creating a pressure wave in the medium.

9.(Currently Amended) The device according to claim 8~~1~~0 wherein said thermal-worked steel has a vanadium content of 0.07-3.5% by weight.

10.(Currently Amended) The device according to claim 8~~1~~0 wherein said thermal-worked steel has a chromium content of 1-15% by weight.

11.(Currently Amended) The device according to claims 8, ~~9 or 10~~ wherein said thermal-worked steel has a tungsten content of 1-10% by weight.

12.(Original) A device for producing electrical discharges in an aqueous medium, said device comprising: a first electrode and a second electrode, each of said electrodes comprised of a stainless steel having a chromium content of greater than 12.5% by weight, said device producing a voltage discharge into the medium when a high electrical voltage is applied to said electrodes, the voltage discharge creating a pressure wave in the medium.

13.(Original) The device according to claim 12 wherein said stainless steel has a chromium content of less than 30% by weight.

14.(Currently Amended) The device according to claims 12 ~~or 13~~ wherein said stainless steel has nickel component of 2-25% by weight.

15.(Original) An electrode for use in a device that produces electrical discharges in an aqueous medium, said electrode comprising:

a superalloy having a cobalt content greater than 8%.

16.(Original) The electrode according to claim 15 wherein said superalloy has a cobalt and a nickel content of greater than 12% by weight.

17.(Currently Amended) The electrode according to claims ~~15 or~~ 16 wherein said superalloy has a tungsten content of 0.1-15% by weight.

18.(Currently Amended) The electrode according to claims 15~~, 16 or 17~~ wherein said superalloy has a titanium content of 0.1-5% by weight.

19.(Original) An electrode for use in a device that produces electrical discharges in an aqueous medium, said electrode comprising:

a superalloy having a nickel content of greater than 8% by weight.

20.(Original) The electrode according to claim 19 wherein said superalloy has a tungsten content of 0.1-15% by weight.

21.(Currently Amended) The electrode according to claims 19 ~~or 20~~ wherein said superalloy has a titanium content of 0.1-5% by weight.

22.(Original) An electrode for use in a device that produces electrical discharges in an aqueous medium, said electrode comprising:

a thermal-worked steel having a vanadium content of greater than 0.05% by weight and a chromium content of greater than 1% by weight.

23.(Original) The electrode according to claim 22 wherein said thermal-worked steel has a vanadium content of 0.07-3.5% by weight.

24.(Original) The electrode according to claim 22 wherein said thermal-worked steel has a chromium content of 1-15% by weight.

25.(Currently Amended) The electrode according to claims 22, ~~23 or 24~~ wherein said thermal-worked steel has a tungsten content of 1-10% by weight.

26.(Original) An electrode for use in a device that produces electrical discharges in an aqueous medium, said electrode comprising:

stainless steel with a chromium content of greater than 12.5% by weight.

27.(Original) The electrode according to claim 26 wherein said stainless steel has a chromium content of less than 30% by weight.

28.(Currently Amended) The electrode according to claims 26 ~~or 27~~ wherein said stainless steel has nickel component of 2-25% by weight.